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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/045,346	10/23/2001	Prathima Agrawal	1459-US	1318

7590

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EXAMINER

MEHRPOUR, NAGHMEH

ART UNIT

PAPER NUMBER

2683

DATE MAILED: 06/18/2003

9

Please find below and/or attached an Office communication concerning this application or proceeding.

9

Office Action Summary

Application No.

10/453,346

Applicant(s)

Prathima Agrawal et al.

Examiner

Naghme Mehrpour

Art Unit

2683

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Feb 6, 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
*See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____ 6) ☐ Other: _____

Art Unit: 2683

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. **Claims 1-21** are rejected under 35 U.S.C. 102(e) as being anticipated by Wenk et al. (US Patent Number 6,253,088 B1).

Regarding **Claims 1, 5, 7, 9, 10-11, 16-18, 21**, Wenk teaches a system for enabling a telephone subscriber to switch an on going telephone call between wireline services provided through a central office in the public switched telephone network and cellular services provided by a mobile switching center in a cellular network (col 4 lines 16-21), said system comprising:

a routing table located in HLR identifying specific telephone subscribers entitled to switch on-going telephone calls between wireline and wireless services (See figure 1, col 4 lines 56-67, col 5 lines 1-5), a look-up table conventionally located in personal base station 28 identifying the correspondence of said one specific telephone subscriber's wire line and a look-up table conventionally locate on HLR 38 to identify cellular telephones (see figure 1, col 4 lines 60-65),

Art Unit: 2683

a monitor circuit 22 responsive to a unique signal from one specific telephone subscriber (from personal station 18 a signal initiates to authorization and call routing equipment ACRE 22) indicating a desired transfer between said one specific telephone subscriber's wireline and cellular telephones (col 4 lines 29-36 lines 47-56), and a registration message provides by personal base station 18 to ACRE 32, includes identification number MIN of the subscriber terminal 10, and request ACRE 22 to configure the mobile wireless network to route all cellular calls intended for subscriber 10 to the landline phone number associated with personal base station 18. The ACRE 22 then emulates a VLR and originates a registration notification to a HLR 38 of the personal base station 18, the HLR 38 query the ACRE 22 for rerouting information. The rerouting information will specify that calls intended for the subscriber terminal 10 be routed to the telephone number assigned to the personal base station (col 4 lines 47-65, col 6 lines 3-29). Therefore, the rerouting switches the route and transfers the calls.

Regarding **Claims 2, 6**, Wenk teaches a system for enabling a telephone subscriber to switch an on- going telephone call between wireline services provided through a central office in the public switched telephone network PSTN and cellular services provided by a mobile switching center MSC in a cellular network (col 5 lines 15-31), wherein said look up table is in said mobile switching center (col 4 lines 56-67, col 5 lines 1-5).

Regarding **Claims 3-4, 8, 12-15, 19-20**, Wenk teaches a system for enabling a telephone subscriber to switch an on-going telephone call between wireline services provided through a central office PSTN in the public switched network and cellular service provided by a mobile

Art Unit: 2683

switching center 14 in a cellular network (col 3 lines 1-6) comprising: Authorization and call routing a fixed cellular mobility agent (ACRE 22, see figure 1, COL 4 lines 5-9, lines 26-41) associated with said mobile switching center 14, wherein said routing table is in said central office 14 (col 4 lines 38-46), an incoming call to one of said specific telephone subscribers 10 being routed to said fixed cellular mobility agent (ACRE 22) in response to an output of said routing table (Located in HLR 38, col 4 lines 58-62), and said look up table (col 4 lines 30-41, lines 51-56), the monitor circuit 22, and the switch means are in the fixed cellular mobility agent (ACRE22), (col 6 lines 62-67).

Response to Arguments

3. Applicant's arguments with respect to claims 1-20, have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Vo et al. (US Patent 5,724,656) disclose method and apparatus for providing an improved caller interface in a fixed cellular communications system

5. **Any responses to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

Art Unit: 2683

(703) 872-9314, (for formal communications indented for entry)

Or:

(703) 308-6306, (for informal or draft communications, please label

“PROPOSED” or “DRAFT”)


Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, Va., sixth Floor (Receptionist).

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Melody Mehrpour whose telephone number is (703) 308-7159. The examiner can normally be reached on Monday through Thursday (first week of bi-week) and Monday through Friday (second week of bi-week) from 6:30 a.m. to 5:00 p.m.

If attempt to reach the examiner are unsuccessful the examiner's supervisor, Edward F. Urban can be reached (703)305-4385.

NM

April 11, 2003


WILLIAM TROST
SUPERVISORY PATENT EXAMINER
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